

Mint of the United States at Philadelphia, Pa.,

COINER'S OFFICE.

June 23rd 1890.

Hon O. C. Rosbyshell—
Superintendent
Sir.

I have the honor to state, that about two years ago the Arch of No 8 Coining Press developed a crack and was repaired by inserting a Steel bolt on one side, since which time the crack has gradually spread from $\frac{1}{4}$ in to $4\frac{1}{4}$ in,

The bolt side lengthens under pressure of stamping, resulting in unsatisfactory work in coining.

A new & stronger arch is absolutely necessary to put this press in proper condition.

In this connection I will say, that the Arch of No 7 was replaced in 1878, the old arch of that Press cracked in April of that year, and the crack increased so rapidly, that work ceased very soon after the damage was first discovered,

Mint of the United States at Philadelphia, Pa.,

COINER'S OFFICE,

189

It was proposed then to repair the Arch, but the views of our own Machinists and such competent and efficient ones outside as Messrs Orntrees - & W^m Sellers & Co. were all opposed to attempting it. All agreed it could be done, but when done it would prove unsatisfactory, Messrs Sellers said at that time, our experience in managing Machines of this character is not such as to warrant us in recommending an attempt to do so.

The Coining Presses as constructed will only do their work efficiently if rigid and unyielding. The proper rigidity can be best obtained by solid metal. Any attempts to patch up the press will introduce elements of weakness and elasticity, and will in our opinion cost more than a new cast iron Arch. I would respectfully suggest that arrangements be made at once to replace this arch with a new one.

Respectfully yours
W. D. Tell
Coiner.

1745/2

RG104 E-1 Box 163

Mint of the U. S. at Philadelphia, Pa.,

COINER'S OFFICE,

June 23, 1890.

W. S. Steel
Comr. ^{Superintendent.}

SUBJECT:

Relative to necessary
repairs of Arch of No. 8
Coining press.

(6)

Reed
June 24. 1890

No. of Inclosures,

[Abstract:] Relative to necessary repairs of arch of No. 8 Coining Press

Mint of the United States at Philadelphia, Pa.
Coiner's Office,
June 23, 1890

Hon. O.C. Bosbyshell,
Superintendent

Sir.

I have the honor to state that about two years ago the Arch of the No. 8 Coining Press developed a crack and was repaired by inserting a steel bolt on one side, since which time the crack has gradually spread from 1 $\frac{1}{4}$ in to 4 $\frac{1}{4}$ in.

The bolt side lengthens under pressure of stamping, resulting in unsatisfactory work in coining.

A new stronger arch is absolutely necessary to put this press in proper condition.

In this correction I will say that the arch if pressed was replaced in 1878, the old arch of that press cracked in April of that year, and the crack increased so rapidly that work ceased very soon after the damage was first discovered.

It was proposed then to repair the arch, but the views of our own machinists and such competent and efficient ones outside as Mefs. Orr & Hess - & William Sellers Co. Were all opposed to attempting it. All agreed it could be done, but when done it would prove unsatisfactory, Mefs. Sellers said at that time, our experience in mending machines of this character is not such as to warrant us in recommending an attempt to do so.

The Coining presses as constructed will only do their work efficiently if rigid and unyielding. The proper rigidity can be best obtained by solid metal. Any attempts to patch up the press will introduce elements of weakness and elasticity and will in our opinion cost more than a new cast iron arch.

I would respectfully suggest that arrangements be made at once to replace this arch with a new one.

Respectfully yours,
W.S. Steel